

Name _____

Date _____

Algebraic Inverses

State the inverse of each function.

1. $f(x) = \frac{5}{2}x - 4$	2. $g(x) = \frac{9x+3}{5}$
3. $h(x) = 2x - \frac{1}{2}$	4. $f(x) = \frac{x+4}{8}$
5. $h(x) = \frac{5}{7}x - \frac{6}{7}$	6. $g(x) = 2x + 1$
7. $g(x) = \frac{-2x+7}{6}$	8. $f(x) = 6x + 9$
9. $h(x) = \frac{-15x+20}{35}$	10. $h(x) = \frac{-8}{5}x + \frac{2}{5}$
11. $g(x) = \frac{7x+1}{2}$	12. $f(x) = \frac{5}{3}x + \frac{1}{3}$
13. $f(x) = \frac{-8}{9}x + \frac{1}{9}$	14. $h(x) = \frac{3}{2}x + \frac{7}{4}$
15. $f(x) = \frac{-28x+20}{28}$	16. $h(x) = \frac{14x+35}{42}$